

FORM PTO-1449
(REV. 7-89)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. CT-2717-NP

APPLICATION NO. 10/719,187

APPLICANT Wu, *et al.*

FILING DATE 21 Nov. 2003

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|------------------|----|-----------------|-------------|-------------------------|-------|----------|-------------|
| <i>B</i> | AA | U.S. 4,927,838 | 22 May 1990 | Guthrie, <i>et al.</i> | | | |
| <i>H</i> | AB | U.S. 6,046,239 | 4 Apr 2000 | Lennox, <i>et al.</i> | | | |
| <i>K</i> | AC | U.S. 6,413,995 | 2 July 2002 | Hasegawa, <i>et al.</i> | | | |
| | AD | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | OFFICE | CLASS | SUBCLASS | TRANSLATION | |
|----------|----|-----------------|--------------|-------------------------|-------|----------|--|--------------------------|
| | | | | | | | YES | NO |
| <i>K</i> | AE | JP 45-14291 | 21 May 1970 | SUMITOMO CHEM. IND. CO. | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <i>K</i> | AF | JP 2-138159 | 28 May 1990 | KITAOKI CHEM. IND. CO. | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <i>B</i> | AG | EP 810220A1 | 3 Dec 1997 | PFIZER INC | | | <input type="checkbox"/> | <input type="checkbox"/> |
| <i>K</i> | AH | WO 00/07993 | 17 Feb 2000 | SMITHKLINE BEECHAM | | | <input type="checkbox"/> | <input type="checkbox"/> |
| <i>K</i> | AI | WO 00/42013 | 20 July 2000 | TSUMARA & CO. | | | <input checked="" type="checkbox"/> See AC | <input type="checkbox"/> |
| <i>B</i> | AJ | WO 01/10380 | 15 Feb 2001 | ICAGEN INC | | | <input type="checkbox"/> | <input type="checkbox"/> |
| <i>B</i> | AK | WO 01/10381 | 15 Feb 2001 | ICAGEN INC | | | <input type="checkbox"/> | <input type="checkbox"/> |
| <i>K</i> | AL | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| <i>I</i> | AM | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

| | |
|----|---|
| AN | WANG, S., et al., "KCNQ2 and KCNQ3 Potassium Channel Subunits: Modular Correlates of the M-Channel", <i>Science</i> , 282, pp. 1890-1893 (1998) |
| AO | |
| AP | |
| AQ | |
| AR | |
| AS | |
| AT | |

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|-----------------------------------|------------------------------------|--|
| EXAMINER <i>Raymond Conner</i> | DATE CONSIDERED <i>12/10/04</i> | |
|-----------------------------------|------------------------------------|--|

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.